See Attached Listing

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for

Interagency Repoi 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1 REGISTRATION NO. 87-R-0002

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

CUSTOMER NO. 2

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UTAH STATE UNIVERSITY VP FOR RESEARCH/1450 OLD MAIN HILL LOGAN, UT 84322 - 1450 (435) 797-1180

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Α. C. Number of E. Number of animals upon which teaching, Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments, Animals Covered bred. which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. OF ANIMALS By The Animal conditioned, or research. surgery, or tests were to the animals and for which the use of appropriate held for use in Welfare Regulations anesthetic, analgesic, or tranquilizing drugs would experiments, or conducted involving teaching, testing, have adversely affected the procedures, results, or (Cals. C+ tests were accompanying pain or experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or involving no and for which appropriate experiments, surgery, or tests. (An explanation of surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were ourposes. relieving drugs must be attached to this report) 0 0 0 0 0 4. Dogs 5. Cats 0 0 0 0 0 48 0 0 48 Guinea Pigs Hamsters 0 18 0 0 18 0 5 45 0 50 Rabbits 9. Non-Human Primates 0 0 0 0 0 0 0 0 0 0 10. Sheep 0 0 0 0 11. Pigs 0 12. Other Farm Animals 0 0 0 0 0 13. Other Animals 6 0 0 0 0 Tenrec 59 0 59 Cottontail Rabbit 0

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of ahesthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. 2 9 2001

2) Each principal investigator has considered alternatives to painful procedures.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of approved exceptions. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary our early of other

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterin aspects of animal care and use

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFF	ICIAL
(Chief Executive Officer or Legally Responsible Institutional officer	cial)

IJUJI

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

ASSURANCE STATEMENTS

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 87-R-0002 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

UTAH STATE UNIVERSITY VP FOR RESEARCH/1450 OLD MAIN HILL LOGAN, UT 84322—1450 (435) 797-1180

REPORT OF ANIMALS USED BY A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Raccoon	0	0	40	0	40
Skunk	0	0	10	0	10
Deer Mouse	0	0	43	0	43
Mule Deer	0	9	0	0	9
Elk	0	8	0	0	8
Cougar	0	0	17	0	17
ASSURANCE STATEMENTS				NOV 2 3 2001 USDA 4-1-35, SEAC, AC SALW - 2-1-10, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

asposis of arminations and are		
CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executiv	ve Officer or Legally Responsible Institutional official)	
I certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/17/01
		111111111111111

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

87-R-0002

Customer Number:

2

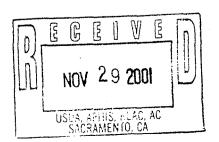
Facility:

**UTAH STATE UNIVERSITY** 

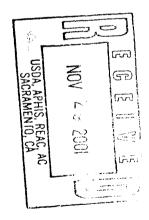
VP FOR RESEARCH/1450 OLD MAIN HILL

LOGAN, UT 84322 (435) 797-1180

UTAH STATE UNIVERSITY 1450 OLD MAIN HILL LOGAN, UT 84322



		IACUC APPROVED EXCEPTIONS
IACUC#	INVESTIGATOR	EXCEPTION/DATE ;
363R		Approval to house 12 Siberian hamsters in cages with a height of 5 inches instead of 5 ½ to 6 inches - Approved 6/98
363R		Approval to modify the cage and bedding change schedule from every week to monthly bedding change and cage change every three months for Tenrecs Approved 12/94
796R 860R		Approval to transport rabbits in cages 9x15x10 between Green Canyon, Wildlife Research Park in Millville, and the LARC on USU campus - Approved 10/99



See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 87-R-0003 CUSTOMER NO. 3

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

include Zip Code)

BRIGHAM YOUNG UNIVERSITY

A-261, ASB

A-261, ASB PROVO, UT 84602 (801) 378-6882

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing

9th Floor Widtsoe Building

Veterinary Technology Kennel

	B. Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A )  E. Number of animals upon which teaching,	F.
A.  Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		29			29
5. Cats		31			31
6. Guinea Pigs	``				
7. Hamsters					
8. Rabbits	1	5	39		44
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Black bears		35			35
Chinchilla		L			1
Ferrets		2			2

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analysis, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

GNED /01

RTERS

(AUG 91)

This report is required by law (7 USC 2143), Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 87-R-0003

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

#### CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) **BRIGHAM YOUNG UNIVERSITY** 

A-261, ASB PROVO, UT 84602 (801) 378-6882

REPORT OF ANIMALS USED BY O	R UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if nece	ssary or use this form.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Cliff chipmunk		32			32
Least chipmunk		2			2
Valley Pocket Go	pher	2			2
Ord's Kangaroo Ra	.t	55			_55
Northern Grasshop	per Mouse	11			
Long-Tailed Pocke		3			3
Silky Pocket Mous	e	21			21
Great Basin Pocke	t Mouse	17			17
Desert Woodrat		16			16
House Mouse		10			10
Brush Mouse		30			30
Mouse UNK		22			22
Canyon Mouse		17		}	17
Deer Mouse		265			265
Pinyon Mouse		178			178
Western Marvest	Mouse	17	·		17
Desert Cottontai	1	3			3
ASSURANCE STATEMENTS				er of anesthetic, analgesic, and tranquilizing drugs, prior to,	

	Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate useror adestrienc, analysisc, and	tranquitizing drugs, prior to, durit	ij
•	and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.	and the second second	

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the Initial investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	aspects of animal care and use.	 
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	(Chief Executive Officer or Legally Responsible Institutional official)	ì
	certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	 
S		 DATE SIGNED
		10/31/01
		10, 31, 41

APHIS FORM 7023A (AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

<sup>2)</sup> Each principal investigator has considered alternatives to painful procedures.

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 87-R-0004

CUSTOMER NO. FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip Code) L D S HOSPITAL 8TH AVENUE AND C STREET

SALT LAKE CITY, UT 84143

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

(801) 321-1100

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

See Attached Listing Medical Physics (Old St. Marks), \$25 N 300 W #420, Salt Lake City UT 84103 Advanced Interventional Tchn. Lab, 803 N 300 W., Salt Lake City UT 84103 Surgical Research Lab (Small An. Lab) LDS Hospital, 8th Av & C St, Salt Lake City UT 84143 Griggs Research Lab, LDS Hospital, 8th Avenue and C Street, Salt Lake City UT 84143

Α.	B: Number of	C. Number of	D. Number of animals upon	ssary or use APHIS FORM 7023A )  E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, cr use of pain-	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
	purposes.	relieving drugs.	used.	must be attached to this reporty	6
4. Dogs		1800	6		0
5. Cats					
6. Guinea Pigs		~~~			
7. Hamsters					
3. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals				2001	
				NOV - 2 ZUUI -	
				ISLUE DE LE AC	
				USUA, ANNIS STATE AND SACRAMENTO, CA	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

	aspects of animal care and use.			
Γ		CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
ļ		(Chief Executive Officer or Legally Responsible Institutional official)		
١		Loadify that the shave is true correct, and complete (7 II S.C. Scation 2142)	ı	
İ			$\Box$	DATE SIGNED
				10/25/01
7	4		HE	ADQUARTERS
			ı	

See reverse side for

0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 87-R-0008

include Zip Code)

CUSTOMER NO.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

WEBER STATE UNIVERSITY 2505 HARRISON BLVD. **OGDEN, UT 84408** 

All redactions on this page are pursuant to (b)(6) & (b)(7)(c). (801) 626-6470 7931 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached Listing										
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.		C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.		D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.		E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)			OTAL NO. ANIMALS Cols. C + D + E)
4. Dogs	C	2	_ (	$\supset$	(	2	(	Ş	(	<u> </u>
5. Cats										
6. Guinea Pigs										
7. Hamsters										
8. Rabbits										
9. Non-Human Primates										
10. Sheep										
11. Pigs										
12. Other Farm Animals										
13. Other Animals		5								
					:			- M		
							0		(	$\mathcal{O}_{\perp}$
ASSURANCE STATEMENTS							111			

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility. NOV
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the rins radiity is activiting to the standards and regulations drived in the Act, and the sequence of the standards and regulations and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	 
SIGNA		DATE SIGNED
APHIS		ADQUARTERS

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

87-R-0008

Customer Number:

5

Facility:

WEBER STATE UNIVERSITY 2505 HARRISON BLVD.

OGDEN, UT 84408

(801) 626-6170 7931

Laris

WEBER STATE UNIVERSITY 3705 HARRISON BLVD. OGDEN, UT 84408



See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 87-R-0013

FACILITY LOCATIONS(sites)

CUSTOMER NO. 1013

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)( 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

sheets if necessary.)

See Attached Listing

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) N P S PHARMACEUTICALS

420 CHIPETA WAY, SUITE 240 SALT LAKE CITY, UT 84108 (801) 583-4939

EPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	ssary or use APHIS FORM 7023A )	F.
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	.0	0
7. Hamsters		0	0	0	0
8. Rabbits	0	$\mathcal{C}$		<u> </u>	0
9. Non-Human Primates	0	0	0	0	0_
10. Sheep	()	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	Ö	0	0	0
13. Other Animals					
DATS	0	0	484	0	484
Mice	0	0	807	0	802

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACLIC). Inis racinity is adhering to the standards and regulations under the Add, and it has required that exceptions to the standards and regulations by specified and expedited by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other C aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	_
SIGNA		DATE SIGNED
		11/29/01
PHIS		ADQUARTERS

(AUG 91)

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1.. REGISTRATION NO. 87-R-0018 CUSTOMER NO. 1629

FORM APPROVED

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

FRONTIER BIOMEDICAL, INC. 1785 NORTH 730 WEST LOGAN, UT 84321

A.	ll rec	act	ions	on	this	page a	re pui	suant	t to	(b)	(6	) (	& (	b)	(7	)(c	:).	
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3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets (necessary.)

FACILITY LOCATIONS(sites)

FRONTIER BIOMEDICAL, INC. LOGAN, UT 84321

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cots. C + D + E)
4. Dogs					
5. Cats			4		
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		10	43		53
9. Non-Human Primates					
10. Sheep	25	6	. 93		99
11. Pigs		,	3		3
12. Other Farm Animals					
Goats		2			2
13. Other Animals		May a design of the second			
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- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION B	Y HEADQUARTERS	RESEARCH FACI	LITY OFFICIAL
(Chief Executive	Officer or Legally R	esponsible Institut	ional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL I NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/26/2001

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

See reverse side for additional information. Interagency Report Control No. 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE REGISTRATION NO. 87-R-0020

CUSTOMER NO. 1831

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary.)

See Attached Listing

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code) UTAH ARTIFICIAL HEART INST. 803 NORTH 300 WEST

SALT LAKE CITY, UT 84103 (801) 332-1100

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) E. Number of animals upon which teaching, Number of B. Number of D. Number of animals upon A. experiments, research, surgery or tests were animals being which experiments, animals upon which teaching, teaching, research, conducted involving accompanying pain or distress TOTAL NO. Animals Covered OF ANIMALS to the animals and for which the use of appropriate By The Animal conditioned, or research, surgery, or tests were held for use in anesthetic, analgesic, or tranquilizing drugs would conducted involving Welfare Regulations experiments, or teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C + experiments, conducted distress to the animals interpretation of the teaching, research, D + Eexperiments, surgery, or tests. (An explanation of research, or involving no and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these yet used for such use of paintranquilizing drugs were animals and the reasons such drugs were not used must be attached to this report) purposes. relieving drugs. used. Ø Ø 4. Dogs 1 5. Cats Ø 6. Guinea Pigs 7 Hamsters 8. Rabbits 0 9. Non-Human Primates 0 10. Sheep 0 11. Pigs (Cows)
12. Other Farm Animals 3 3 12 ŊЛ 13. Other Animals 3 (b) Ū ij 0) ! CORP.

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

aspects of animal care and use.		
 CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	L · ·	
(Chief Executive Officer or Legally Responsible Institutional official)		
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
	or Print)	DATE SIGNED
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		12-00/-0/

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

Drev. Annual Report

PART 1 - HEADQUARTERS

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

87-R-0020

Customer Number:

1831

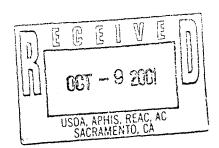
Facility:

UTAH ARTIFICIAL HEART INST.

803 NORTH 300 WEST SALT LAKE CITY, UT 84103

(801) 332-1100

UTAH ARTIFICIAL HEART INST. 9990 SOUTH 3100 EAST SANDY, UT 84092



# O Utah Artificial Heart Institute

October 2, 2001

To: United States Department of Agriculture

9580 Micron Ave. Suite J Sacramento, CA 95827

From:

Utah Artificial Heart Institute 803 N 300 W Salt Lake City, UT 84103

Registration number: 87-R-0020

Re: October 2000 through September 2001 Annual Report

There were no animals used at the Utah Artificial Heart Institute between October 1999 to September 2000 pertinent to column E upon which teaching, experiments research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesia, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching research experiments, surgery, or tests. There were also no exceptions to the regulations and standards, specified and explained by the principal investigator and approved by the IACUC. There were also no experiments conducted at UAHI with "death as an endpoint". As of April 2001 the site at 9990 South 3100 East Sandy, UT 84092 was removed as a site for the Utah Artificial Heart Institute. This site will not be reported or counted on the report for next year.

Sincerely,

